

CURRICULUM VITAE

Chao-Pin Lee

Development Center for Biotechnology
Institute of Pharmaceutics
101, Lane 169, Kangning St.
Xizhi District, New Taipei City
22180, Taiwan, ROC
(+886)226956933 ext. 2316
e-mail: chao.pin.lee@dcb.org.tw

EDUCATION

8/86-5/91 **Ph.D.**, Organic Chemistry, University of Maryland, College Park, Maryland. Advisor: Dr. Patrick S. Mariano.
Dissertation: "Study of Photo-SET Promoted Radical and Diradical Cyclization Reactions."

EXPERIENCE

- 2014-present **Deputy Executive Director**, Institute of Pharmaceutics, Development Center for Biotechnology
- Lead a team to provide pharmaceutical development support to Neuroscience projects from Discovery to clinical Development phases.
 - Provide CMC support to projects that are seeking regulatory approvals in China.
 - Lead a program to identify, evaluate and develop novel CNS delivery technologies.
 - Serve as the leader for a traditional Chinese medicine project.
- 2013-2014 **Director**, Pharmaceutical Sciences, R&D China, GlaxoSmithKline
- Lead a team to provide pharmaceutical development support to Neuroscience projects from Discovery to clinical Development phases.
 - Provide CMC support to projects that are seeking regulatory approvals in China.
 - Lead a program to identify, evaluate and develop novel CNS delivery technologies.
 - Serve as the leader for a traditional Chinese medicine project.
- 2009-2013 **Associate Director**, Pharmaceutical Sciences, R&D China, GlaxoSmithKline
- Lead a team to provide pharmaceutical development support to R&D China.
 - Develop technologies to delivery large molecules to brain.
- 2008-2009 **Manager**, Pharmaceutical Sciences, R&D China, GlaxoSmithKline
- Establish and lead a team to provide pharmaceutical development support to R&D China.

RECENT PUBLICATIONS

1. "Azepanone-Based Inhibitors of Human and Rat Cathepsin K", Marquis, R. W.; Y. Ru, S. M. LoCastro, J. Zeng, D. S. Yamashita, H.-J. Oh, K. F. Erhard, L. D. Davis, T. A. Tomaszek, D. Tew, K. Salyers, J. Proksch, K. Ward, B. Smith, M. Levy, M. D. Cummings, R. C. Haltiwanger, G. Trescher, B. Wang, M. E. Hemling, C. J. Quinn, H.-Y. Cheng, F. Lin, W. W. Smith, C. A. Janson, B. Zhao, M. S.

McQueney, K. D'Alessio, **C.-P. Lee**, A. Marzulli, R. A. Dodds, S. Blake, S.-M. Hwang, I. E. James, C. J. Gress, B. R. Bradley, M. W. Lark, M. Gowen, D. F. Veber *J. Med. Chem.* **2001**, 1380-1395.

2. "Implications of Transport via the paracellular Pathway on Drug Development", Smith, P.L., **Lee, C.-P.** In *Tight Junctions, Second Edition*, Cereijido M., Anderson J. M., Eds.; **2001**, 685-695.
3. "Synthesis of Analogs of L-Valacyclovir and Determination of Their Substrate Activity for the Oligopeptide Transporter in Caco-2 Cells", Friedrichsen, G.M.; Chen, W.; Begtrup, M.; **Lee, C.-P.**; Smith, P.L.; Borchardt, R.T. *Eur. J. Pharm. Sci.*, **2002**, 16, 1-13.
4. "Type 2 Diabetes –Delivery Approach for Novel Therapeutics", **Lee, C.-P.**, Yoeman, G., Oh, S.J. *Adv. Drug Deliv. Rev.*, **2002**, 54, 1161-1163.
5. "Drug Delivery: Tumor-Targeted Drug Delivery Systems", Li, Y.; **Lee, C.-P.** In *Encyclopedia of Pharmaceutical Technology, Third Edition*, **2006**, 1326-1338.
6. "Preparation of benzazepinylpyrrolidonylsulfonamides as Factor Xa inhibitors", Camus, L.; Chudasama.R.; Day, C.J.; Deshmukh, D.; Gleason, J.G.; Harling, J.D.; **Lee, C.-P.**; Saklatvala, P.; Senger, S.; Vallance, S.; Watson, J.; Watson, N.S.; Young, R.J.; Yuan, B. *PCT Int Appl* , **2007**.
7. "Electrospun Nanofibers in Oral Drug Delivery", Ignatious, F.; Sun, L.; **Lee, C.-P.**, Baldoni, J. *Pharm. Res.*, **2010**, 27, 576-588.

RECENT PRESENTATIONS

1. "Application of *In Vitro* Systems for Assessment of Drug Absorption and Disposition", **Lee, C.-P.** Oral Presentation at the Nineteenth Annual Robert S. Rozman Memorial Symposium, Langhorne, PA, May 2000.
2. "Computational Methods to Estimate Absorption", **Lee, C.-P.** Oral Presentation at the AAPS Annual Meeting, Indianapolis, IN, October 2000.
3. "Synthesis and Uptake/Transport Studies of Valacyclovir Derivatives by the Oligopeptide Transporter", **Lee, C.-P.**; P. L. Smith, P.L.; Freidrichsen, G.M.; Chen, W.Q.; Borchardt, R.T. *PharmSci, Suppl.* 2000, 2(4).
4. "The Role of Drug Delivery in Pre-Clinical and Clinical Drug Development", **Lee, C.-P.** Oral Presentation at the Global Biotechnology/Pharmaceutical Research and Development – Current Challenges and Opportunities Symposium, Hsinchu, Taiwan, September 2002.
5. "Design of Clinical Formulations for Drug Development Candidates Based on the Developability Profiles", **Lee, C.-P.** Oral Presentation at the CPSA Shanghai 2012, April 2012.
6. "Enhancing CNS Delivery Through Nasal Route of Drug Delivery", **Lee, C.-P.** Oral Presentation at the 3rd Annual Drug Delivery & Formulation Asia Summit, Shanghai, Oct 2013.

PROFESSIONAL SOCIETIES

American Chemical Society-Medicinal Chemistry Division
American Association of Pharmaceutical Scientists
Controlled Release Society